## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	913	(312/402,296).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/16 11:53
L3	9	(seal and ridges and bias and magnetic).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/16 11:54
S1	2	("5120118").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/03 11:37
S2	814	(312/296).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 11:43
33	70	(312/402).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 11:43
S4	0	(("2004079105") or ("2004060319") or ("2004065579") or ("2004206108") or ("2004211212")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 11:49
S5	5	(("20040079105") or ("20040060319") or ("20040065579") or ("20040206108") or ("20040211212")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 11:49
S6	404	(312/405).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 12:16
S7	3430	(62/441,302,407,371238.6,331).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 13:42
S8	945	(206/545,594).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 10:41
S9	1208	(49/478.1,475.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 10:46
S10	1718446	drawer or container or bin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/23 10:57
S11	250016	S10 and seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/23 10:57
S12	477115	S10 and seal\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/23 10:58

S13	477115	S10 and seal\$4	US-PGPUB;	OR	ON	2009/03/23
			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			10:58
S14	1718446	drawer or container or bin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/23 10:58
S15	1898553	drawer or container or bin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 10:59
S16	330969	S15 same seal\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 10:59
S17	37167	S16 same (slid\$4 or lateral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 10:59
S18	428	(drawer or conatiner or Bin) with (seal\$4) with (slid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 11:00
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S20	0	"lan wood".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 11:09
S21	419	("0337798"   "0677734"   "0740098"   "0952699"   "1091393"   "1176259"   "1241104"   "1337696"   "1404400"   "1511613"   "1866464"   "1911432"   "1918911"   "20030071549"   "20030132690"   "2064926"   "2077739"   "2158217"   "2182962"   "2215372"   "2223234"   "2237820"   "2246342"   "2312325"   "2312326"   "2328130"   "2330339"   "2338889"   "2360533"   "2382084"   "2386757"   "2404851"   "2425232"   "2444887"   "2446336"   "2455182"   "2460469"   "2471634"   "2490494"   "2565891"   "2576508"   "2578049"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/23

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"5377498"	"5425205"     "5425205"	"5476318"	
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"2376032"	"2561517"	"2893805"	
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	"6655765"	"6837068"	
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		"6901767"   "6915657"   "6925833"   "6941766"   "699179"   "7104621"   "7159415"   "7178293"   "7325409").URPN.				
S22	57	("2565891"   "2723896"   "3004309"   "3077644"   "3216776"   "3248159"   "3362108"   "3408772"   "3465536"   "3487581"   "4702038"   "4732432"   "4832396").PN. OR ("2404851"   "2811404"   "5309680").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:10
S23	9	("2611158"   "3604152"   "4185417"   "4300314"   "4413446"   "4702038"   "5150544"   "5309680").PN. OR ("7114293"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/23 12:12
S24	37	"602590"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 12:39
S25	36	"581121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 12:39
S26	2	("0223234").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 12:43
S27	5398	earle.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 12:46
S28	2	("1337696").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 12:55
S29	6	("1337696").URPN.	USPAT	OR	ON	2009/03/23 12:56
S30	949	dishwasher and drawer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 13:35
S31	28104	friction with seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 13:48
S32	14360	S31 and slid\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 13:48
S33	3421	friction with seal with slid\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/23 15:48

S34	337	friction with wear with seal with slid\$4	US-PGPUB; USPAT;	OR	ON	2009/03/23 15:50
			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S35	60	("3385001"   "3448543"   "3535824"   "3685206"   "3918206"   "4075851"   "4305984"   "4358497").PN. OR ("4538380"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/23 15:55
S36	11	("2767040"   "3048902"   "3078134"   "3487581"   "4138049"   "5816080"   "5916076").PN. OR ("7178293").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/23 16:53
<b>S</b> 37	0	"anit-magnetic"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:38
S38	1999937	magnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:39
<b>S</b> 39	18323	S38 with anti	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:39
S40	553	S39 with flux	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:39
S41	6964	(magnet\$4) and (refrigerator or cabinet or enclosure) and (seal) and (flux or anti)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:43
S42	477	(refrigerator or cabinet or enclosure) and (seal) same ((flux or anti) with (magnet\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:44
S43	51	antimagnetic with flux	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:51
S44	7	antimagnetic with carbon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:52

 S45	863	antimagnetic	US-PGPUB;	OR	ON	2009/03/24
<b>040</b>			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:53
S46	4	antimagnetic with seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 13:53
S47	15856	magnetic with seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 15:43
S48	3053	S47 and flux	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 15:43
S49	636	S47 and refrigerator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/24 15:44
S50	62172	seal with gap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 12:58
S51	317	seal with gap with ridge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 12:58
S52	511	seal with gap with web	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:25
S53	31	gasket with gap with web	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:36
S54	83	gasket with gap with (ridge or web)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:36
S55	190	(277/920).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 13:50

S56	2470	(277/629,644-648,921).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 14:05
357	931	(49/498.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/16 09:47
S58	303	(49/478.1,49/489.1,49/490.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/16 09:50
S59	35	("2446336"   "2659114"   "2914819"   "3009725"   "3077644"   "3461610"   "3468449"   "3487581"   "4653819"   "4732432"   "5269099"   "5309680"   "5476318"   "5560694"   "5706607"   "5816080"   "5975661"   "5975664"   "6056383"   "RE23636").PN. OR ("6464312"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 10:05
S60	425	("20050029751"   "2165296"   "2188091"   "2240181"   "2247435"   "2263806"   "2293292"   "2631908"   "2640230"   "2679077"   "2720011"   "2802763"   "2859078"   "2882073"   "2907080"   "2935771"   "2959832"   "3008781"   "3012802"   "3048415"   "3078134"   "3125389"   "3137900"   "3138833"   "3140342"   "3159517"   "3178778"   "3178779"   "3184807"   "3191106"   "3192690"   "3248159"   "3353321"   "3359688"   "3362108"   "3371445"   "3378956"   "3378958"   "3378958"   "3378956"   "3575432"   "3578027"   "3581884"   "3588131"   "3595141"   "3682053"   "3710291"   "3750333"   "3751048"   "3752899"   "3754982"   "3761102"   "3763595"   "378378958"   "3389951"   "3855733"   "3857572"   "3869132"   "3869873"   "3984942"   "4010573"   "4121843"   "4138049"   "4199151"   "4240228"   "4255903"   "4294485"   "4305230"   "4308302"   "4344840"   "4399317"   "4401491"   "4441278"   "4441301"   "4453723"   "4458376"   "4469383"   "44535563"   "4458523"   "4589666"   "4592180"   "4601235"   "4753042"   "4759555"   "4779901"   "4784397"   "4798392"   "4816124"   "4811529"   "4813692"   "48779901"   "4784397"   "4798392"   "4816124"   "4818043"   "4852085"   "4824727"   "4831780"   "4853666"   "4824727"   "4831780"   "4853666"   "4899312"   "4882821"   "4852085"   "4896733"   "4852666"   "4592180"   "4664688"   "4647500"   "4653819"   "479958"   "4753042"   "4759555"   "4779901"   "4784397"   "4798392"   "4816124"   "4818043"   "4820885"   "4824727"   "4831780"   "4832396"   "4824727"   "4831780"   "4852066"   "489932"   "4852666"   "4897705"   "496793"   "49947565"   "4916664"   "4992658"   "4932730"   "4941289"   "496793"   "4999951"   "5010691"   "5039825"   "5045635"   "5077948"   "5093968"   "5107071"   "5120903"	US-PGPUB; USPAT; USOCR	OR	No. 100 100 100 100 100 100 100 100 100 10	2009/11/16

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S61  S62	1 2	("2005/0029751").URPN. ("1337696").PN.	USPAT US-PGPUB;	OR OR	ON	2009/11/16 11:03 2009/11/16
S63	6	("5470142"   "6189551"   "6571808").PN.	USPAT; USOCR US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	11:12 2009/11/16 12:10
S64	2	("2253564").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/16 12:45
S65	1	("2253564").URPN.	USPAT	OR	ON	2009/11/16 12:46
S66	1	("20050253490").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/16 12:47
S67	83	("0821577"   "1137073"   "1975779"   "2253564"   "2547486"   "2547513"   "20020134023"   "3705754"   "3744270"   "3826552"   "3762787"   "3826552"   "4381115"   "4893397"   "4257656"   "4308302"   "4413869"   "4574454"   "4893397"   "5101598"   "5355628"   "5401092"   "5287653"   "6075205"   "6039415"   "6401398"   "6464293").PN.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 12:48
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S69	60	("2040634"   "2064926"   "2421439"   "2456429"   "2497734"   "2506448"   "2614020"   "2780926"   "2895781"   "20030074911"   "4358171"   "6533375"   "6925836"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/17 09:34

<b>S</b> 70	90	("0683851"   "1252790"   "1350363"   "1850166"   "1887086"   "2148689"   "2865569"   "3066847"   "3272580"   "3408966"   "3559594"   "3587939"   "3645216"   "3645453"   "3709169"   "3762787"   "3810480"   "4259401"   "4277357"   "4288338"   "4843218").PN. OR ("2002/0134023"   "2003/0074911"   "2005/0029751"   "2005/0253490"   "2253564"   "2456429"   "2780926"   "2895781"   "3272580"   "3408966"   "3762787"   "3888557"   "4413869"   "5470142").URPN.	US PGPUB; USPAT; USOCR	OR	ON	2009/11/17 09:38
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S72	47	("2711944"   "2816809"   "2847240"   "20070035221"   "3041124"   "3272580"   "3297386"   "3490823"   "3528718"   "3826552"   "4156549"   "5095717"   "7036895").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 13:28

## **EAST Search History (Interference)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3	(312/402,296).OCLS.	UPAD	OR	OFF	2010/11/16 11:53
L4	6	(seal and ridges and bias and magnetic).clm.	USPAT; UPAD	OR	ON	2010/11/16 11:56
L5	12	(seal and clearance and bias and magnetic). clm.	USPAT; UPAD	OR	ON	2010/11/16 11:57
L6	47	(seal and gap and bias and magnetic).clm.	USPAT; UPAD	OR	ON	2010/11/16 11:57

## 11/16/2010 11:58:44 AM

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